IN THE SPECIFICATION:

Please amend the Title of the Invention on Page 1 to read as follows.

~~A METHOD AND A SYSTEM FOR SELECTING NON-REAL-TIME USERS TO PERFORM CELL RESELECTION~~ TRAFFIC MANAGEMENT IN RADIO SYSTEM

Please amend the first full paragraph on Page 1 to read as follows:

The invention relates to a method for traffic management in a radio system, a controller, a radio network controller, a base station and a radio system.

Please amend the fifth full paragraph beginning on Page 2, line 32 and ending on Page 3, line 4 to read as follows:

It is an object of the invention to provide an improved method for traffic management in a radio system, and a radio system. According to ~~an~~ a first aspect of the invention, there is provided a method for traffic management in a radio system, the method comprising: monitoring at least one cell load parameter of non-real-time users in a radio cell; triggering a cell reselection process in the radio cell on the basis of a cell load parameter exceeding a pre-set cell load threshold; selecting, based on at least one cell load parameter, the non-real-time users to perform cell reselection; and triggering the selected non-real-time users to perform cell reselection.

- 3 -

Please add the following paragraphs between lines 12 and 13 on Page 3 to read as follows:

The invention further relates to a controller of a radio system comprising a base station for providing a radio cell for radio transmission and reception to user equipment, the controller comprising: monitoring means for monitoring at least one cell load parameter of non-real-time users in a radio cell; first triggering means for triggering a cell reselection process in the radio cell (226) on the basis of a cell load parameter exceeding a pre-set cell load threshold; selecting means for selecting, based on at least one non-real-time cell load parameter, the non-real-time users to perform cell reselection; and second triggering means for triggering the selected non-real-time users to perform cell reselection.

The invention further relates to radio network controller of a radio system comprising a base station for providing a radio cell for radio transmission and reception to user equipment, the radio network controller comprising: monitoring means for monitoring at least one cell load parameter of non-real-time users in a radio cell; first triggering means for triggering a cell reselection process in the radio cell on the basis of a cell load parameter exceeding a pre-set cell load threshold; selecting means for selecting, based on at least one non-real-time cell load parameter, the non-real-time users to perform cell reselection; and second triggering means for triggering the selected non-real-time users to perform cell reselection.

The invention further relates to a base station of a radio system, the base station for providing a radio cell for radio transmission and reception to user equipment, the base

station comprising: monitoring means for monitoring at least one cell load parameter of non-real-time users in a radio cell; first triggering means for triggering a cell reselection process in the radio cell on the basis of a cell load parameter exceeding a pre-set cell load threshold; selecting means for selecting, based on at least one non-real-time cell load parameter, the non-real-time users to perform cell reselection; and second triggering means for triggering the selected non-real-time users to perform cell reselection.

Please amend the third full paragraph on Page 3, beginning on line 15 and ending on line 23 to read as follows:

The method, ~~and~~ system, controller radio network controller and a base station of the invention provide several advantages. The nature of the packet switched traffic of the NRT users is typically bursty and the packets are delayed in the buffers of the radio network controllers. Hence, in the case of NRT traffic the multisystem radio traffic management aims to maximise the data throughput and minimise the delay experienced by the user. In the embodiments of the invention, instead of measuring physical load, parameters that better describe the cell load caused by the NRT users are used for measuring, for example the delay per NRT user or data throughput of an NRT user.